WEEK	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY		SATURDAY
WEEK - 1	**Class 1** Design thinking		**Class 2** Autonomous car introduction		**Class 3** Anaconda tool Installation		**Class 1** Design thinking Autonomous car introduction Anaconda tool Installation
WEEK - 2	**Class 4** How do Autonomous cars work?		**Class 5** Computer vision		**Class 6** Computer vision		**Class 2** How do Autonomous cars work? Computer vision
WEEK - 3	**Class 7** Deep learning - NN		**Class 8** Deep learning - CNN		**Class 9** CNN Architecture		**Class 3** Deep learning - NN Deep learning - CNN CNN Architecture
WEEK - 4	**Class 10** Object detection		**Class 11** Object detection		**Class 12** Deep learning concepts in Autonomous car	**WE EK EN D**	**Class 4** Object detection Deep learning concepts in Autonomous car
WEEK -5	**Class 13** Autonomous car Assembling part		**Class 14** Machine learning in Autonomous Car		**Class 15** Lane detection Project 1 - Lane Finding		**Class 5** Autonomous car Assembling part Machine learning in Autonomous Car Lane detection Project 1 - Lane Finding
WEEK - 6	**Class 16 Project 2 - Advanced Lane Finding**		**Class 17 Building a Road Sign Classifier in Keras**		**Class 18** Building a Road Sign Classifier in Keras		**Class 6** Project 2 - Advanced Lane Finding Building a Road Sign Classifier in Keras
WEEK - 7	**Class 19** Traffic Sign Classifier		**Class 20** Project 3 - Traffic Sign Classifier		**Class 21** Project 3 - Traffic Sign Classifier		**Class 7** Building a Road Sign Classifier in Keras Project 3 - Traffic Sign Classifier Assignment project review
WEEK - 8	**Class 21** State Estimation - Linear and Nonlinear Kalman Filters		**Class 22 State Estimation - Linear and Nonlinear Kalman Filters**		**Class 23** State Estimation - Linear and Nonlinear kalman Filters		**Class 8 State Estimation - Linear and Nonlinear kalman Filters**
WEEK - 9	**Class 24 GNSS/INS Sensing for**		**Class 25** GNSS/INS Sensing for		**Class 26** LIDAR Sensing		**Class 9 GNSS/INS Sensing for Pose Estimation**

	Pose Estimation		Pose Estimation				LIDAR Sensing
WEEK - 10	**Class 27** LIDAR Sensing		**Class 28** LIDAR Sensing		**Class 29** An Autonomous Vehicle State Estimator		**Class 10** LIDAR Sensing **An Autonomous Vehicle State Estimator**
WEEK - 11	**Class 30** An Autonomous Vehicle State Estimator		**Class 31** Sensors		**Class 32** Sensors		**Class 11** **An Autonomous Vehicle State Estimator Sensors**
WEEK - 12	**Class 33** Least Squares		**Class 34** **Least Squares**		**Class 35** Least Squares		**Class 12** **Least Squares**
WEEK - 13	**Class 36** Project 6 - Extended kalman Filter		**Class 37** Motion planning - Map: Mapping for planning		**Class 38** Motion planning - Map: Populating occupancy grids from LIDAR scan data		**Class 14** **Project 6 - Extended kalman Filter Motion planning - Map: Mapping for planning Motion planning - Map: Populating occupancy grids from LIDAR scan data**
WEEK - 14	**Class 39** **Motion planning - Mission: Dijkstra's Shortest Path Search**		**Class 40** Motion planning - Mission: A* Shortest path Search		**Class 41** Motion planning - Dynamic object: Motion Prediction		**Class 15** **Motion planning - Mission: Dijkstra's Shortest Path Search Motion planning - Mission: A* Shortest path Search Motion planning - Dynamic object: Motion Prediction**
WEEK - 15	**Class 42** Motion planning Dynamic object: Map-Aware Motion Prediction		**Class 43** Sensor fusion - Loss of One or More Sensors		**Class 44** Project 7 - kidnapped vehicle		**Class 15** **Motion planning Dynamic object: Map-Aware Motion Prediction Sensor fusion - Loss of One or More Sensors Project 7 - kidnapped vehicle**